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# ANNUAL REPORT

on the

PUBLIC HEALTH AND  
SANITARY CONDITION

of the

Rural Sanitary District  
of Penrith

For the Year 1946

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**F. W. GAVIN,**

M.D., CH.B. (Edin.), D.P.H.,

**MEDICAL OFFICER OF HEALTH.**

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**Penrith :**

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MANSION HOUSE,  
PENRITH,

21st July, 1947.

*To the Chairman and Members of the  
Penrith Rural District Council.*

Mr. Chairman, Miss Dickinson and Members.

I have pleasure in presenting my Eleventh Annual Report on the health of the District for the year 1946.

In accordance with the instructions of the Ministry of Health contained in Circular 13/47 dated 13th March, 1947, and on the lines indicated in Circular 28/46 dated 11th February, 1946, the report is again curtailed.

The birth rate at 16.36 is lower than last year (17.5), and somewhat below the average for the Cumberland Rural Districts (18.6).

The death rate at 12.01 is about the average of the Rural Districts in Cumberland, and slightly higher than that for England and Wales (11.5).

In 1946 the Infantile Mortality Rate was up on 1945, 58.51 against 35.71.

Infectious Diseases were low during the year apart from Whooping Cough which was epidemic during the latter half of 1946, and one death, an infant aged 3 months, was due to this disease ; in certain large towns research with immunising vaccines is at present being undertaken for the Medical Research Council, but the results will not be published for a year or two.

No cases of Diphtheria were recorded in 1946, and the campaign against this scourge was continued successfully, and it was estimated that at 31st December, 1946, some 96% of school children and 60% of pre-school children had completed a course of immunising injections.

Among the chief causes of death, Heart Disease with 48 deaths again heads the list, with Intracranial Vascular Lesions, which includes Cerebral Hæmorrhage, second with 23 deaths.

There were no deaths from maternal causes, and the total number of deaths from Cancer was higher at 14 (11 in 1945).

WATER :—Details of the water undertakings are given in the Sanitary Surveyor's report.

SEWAGE :—No new works of sewage and sewage disposal have been undertaken in 1946, but many such schemes are urgently required.

Inspections under the Factories Act, 1937, have been carried out during the year, and conditions were found to be satisfactory.

In conclusion, I wish to express my thanks for the courtesy and help extended to me by the Chairman and Members of the Council, and to the Clerk of the Council and Sanitary Surveyor for their co-operation and assistance.

I am,

Mr. Chairman, Miss Dickinson and Members,  
Your obedient Servant,

F. W. GAVIN,

*Medical Officer of Health.*

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area of the District (in acres)	...	...	...	...	181,531
Number of Inhabited Houses	...	...	...	...	3,228
Rateable Value	...	...	...	...	£51,653
Sum represented by a Penny Rate	...	...	...	£215	0s. 2d.
Registrar General's estimate of the population	...	...	...	...	11,490
Live Births—		Male.		Female.	Total.
Legitimate	...	96	...	79	175
Illegitimate	...	6	...	7	13
					—
					188
					—
Birth Rate per 1,000 of population	...	...	...	...	16.36
Birth Rate for England and Wales	...	...	...	...	19.1
Still Births—		Male.		Female.	Total.
Legitimate	...	—	...	3	3
Illegitimate	...	—	...	—	—
Rate per 1,000 (total births, live and still)	...	...	...	...	15.70
Deaths—		Male.		Female.	Total.
		71	...	67	138
Death Rate per 1,000 of population	...	...	...	...	12.01
Death Rate for England and Wales	...	...	...	...	11.5
Deaths from Puerperal Causes	...	...	...	...	Nil
Maternal Mortality Rate	...	...	...	...	Nil
Death Rate of Infants under one year :—					
All Infants per 1,000 live births...	...	...	...	...	58.51
Legitimate Infants per 1,000 live births	...	...	...	...	58.51
Illegitimate Infants per 1,000 live births	...	...	...	...	Nil
Infantile Death Rate for England and Wales	...	...	...	...	43
Deaths from Cancer (all ages)	...	...	...	...	14
Deaths from Measles (all ages)	...	...	...	...	Nil
Deaths from Whooping Cough (all ages)	...	...	...	...	1
Deaths from Diarrhoea (under two years of age)	...	...	...	...	Nil



## VITAL STATISTICS.

I am indebted to Dr. Kenneth Fraser, County Medical Officer of Health for the following vital statistics:—

	Birth Rate.	Crude Death Rate.	Infantile Mortality Rate.
Administrative County of Cum- berland	19.5	12.6	47
Urban Districts of Cumberland (including Boroughs of Work- ington and Whitehaven)	20.9	13.2	48
Rural Districts of Cumberland	18.6	12.1	46
Rural District of Penrith	16.36	12.01	58.51
England and Wales	19.1	11.5	43

## SOCIAL CONDITIONS OF THE AREA.

The area of the district is 181,531 acres. The lime works at Flusco, Blencowe, Red Hills, the alabaster works at Little Salkeld, the B.B.C. at Skelton, and some quarries, are the only local industries, but agricultural work, however, remains the chief source of employment in the district.

There is no form of employment carried on which has a detrimental effect on the health of the workpeople.

## INFANTILE MORTALITY, 1946.

Net Deaths from Stated Causes at ages under 1 year.

Causes of Death.	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	1-3 months	3-6 months	6-9 months	9-12 mths.	Total under 1 year
Premature Birth .. ..	4	-	-	-	4	-	-	-	-	4
Lobar Pneumonia .. ..	1	-	-	-	1	-	-	1	-	2
Broncho Pneumonia .. ..	-	-	-	-	-	-	1	-	-	1
Whooping Cough .. ..	-	-	-	-	-	-	1	-	-	1
Cerebral Hæmorrhage .. ..	1	-	-	-	1	-	-	-	-	1
Pulmonary Atelectasis .. ..	1	-	-	-	1	-	-	-	-	1
Pyloric Stenosis .. ..	-	-	-	-	-	1	-	-	-	1
Gastro-Enteritis .. ..	-	-	-	-	-	-	-	-	-	-
Convulsions .. ..	-	-	-	-	-	-	-	-	-	-
TOTALS .. ..	7	-	-	-	7	1	2	1	-	11

Two infantile deaths occurred at the City General Hospital, Carlisle, one death at the Cumberland Infirmary, Carlisle, and one death at a Penrith Nursing Home.

There were, therefore, seven deaths at home.

## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

The provision of Health Services in the Area is as follows :—

1. The Medical Officer of Health for the Area has a similar appointment with the Penrith Urban District Council, and he also acts as an Assistant County Medical Officer for the Cumberland County Council. His qualifications are M.D., Ch.B.(Edin.), D.P.H.(Edin. & Glasg.)

The Sanitary Surveyor has a full-time appointment. His qualifications include the Diploma of the Royal Sanitary Institute.

A Technical Assistant is also engaged and this official is mainly employed on housing duties.

Three unqualified assistants are engaged in the work of the department.

Five workmen are employed in attending to the water supplies in the area, one of whom is employed permanently as Filter House Attendant at the Headworks Filtration plant at Dowthwaite Head.

2. With regard to Laboratory facilities and Hospital Services, no changes have been made during the period under review.

## SANITARY CONVENIENCES OF THE AREA.

No action has been taken by the County Council in pursuance of Section 57 of the Local Government Act, 1929, nor has any action been taken under Section 307 or Section 320 of the Public Health Act, 1936.

I am obliged to Mr. J. A. Sedgwick, Sanitary Surveyor, for the following report :—

### Water.

Samples of water have been taken in the year from all Council's supplies. The results of the chemical and bacteriological examination showed that they were all pure and wholesome waters.

None of the Council water supplies are of a plumbo solvent nature.



The following table divided into the various Parishes gives particulars of population, number of dwelling-houses, number of population supplied by public water-mains: (a) direct to the houses; (b) by means of stand-pipes.

Parish.	Population.	No. of Dwelling Houses supplied.	No. of Popula- tion supplied direct to houses.	No. of Popula- tion supplied from stand-pipes.
Ainstable	... 430	... 125	... 420	... 30
Castle Sowerby	322	... 92	... 322	... —
Catterlen	... 286	... 84	... 286	... —
Culgaith	... 546	... 156	... 525	... 21
Dacre ...	... 889	... 257	... 875	... 14
Glassonby	... 284	... 81	... 280	... 4
Great Salkeld...	328	... 94	... 318	... 10
Greystoke	... 412	... 118	... 388	... 24
Hesket	... 1604	... 467	... 1555	... 49
Hunsonby	... 308	... 88	... 308	... —
Hutton	... 311	... 89	... 311	... —
Kirkoswald	... 586	... 170	... 548	... 38
Langwathby	... 507	... 145	... 490	... 17
Lazonby	... 637	... 182	... 623	... 14
Matterdale	... 234	... 67	... 234	... —
Mungrisdale	245	... 70	... 245	... —
Ousby	... 311	... 89	... 311	... —
Skelton	... 873	... 254	... 852	... 21
Threlkeld	... 423	... 121	... 409	... 14

Out of an estimated total population of 11,490 it is calculated that some 9,556 have the benefit of a piped supply of water from the Rural District Council's mains, and the supervision of such an extensive water supply system occupies a very considerable proportion of the working time available. Whilst adequate supplies of water to nearly all consumers are maintained throughout the year, occasional shortages are reported at times from various high-lying parts of the area. Unfortunately, reservoir accommodation is very limited and the demand for water is so great that even a short interruption of main services caused by the location and repair of the defective mains and water services is sufficient to empty the reservoirs and upset the balance of supplies. Approximately three-quarters of the Penrith Rural area is fed from the Douthwaite Head source, the remainder of the district being supplied by some 16 local independent sources,

The Regional Scheme is capable of supplying 80 galls. per head per day. The majority of this water is used for agricultural purposes, and the peak demand for water for milk cooling purposes twice daily is responsible in dry weather for intermittency of supply for domestic consumers in some areas.

It has been recommended to consumers suffering in this manner to instal small storage tanks in their own premises and, in those cases where this work has been done, consumers are now very seldom inconvenienced.

To prevent undue consumption and to allocate the water more evenly, meters are now being installed on all supplies to dairy farms.

Constant and diligent inspections of the water mains, water services, reservoirs and springs have been carried out and are in no small way responsible for the generally improved supply of water in the area.

### **Drainage and Sewerage.**

Sewerage Disposal Schemes are urgently needed in many villages and arrangements have been made to have these surveyed by a private firm at an early date.

The villages to be surveyed first will be :—

High Hesket.  
Laithes and Blencowe.  
Scalehouses.  
Kirkoswald.  
Armathwaite.  
Ainstable.  
Motherby.

### **Closet Accommodation.**

The conversion of privies to the water carriage system is progressing very satisfactorily, but owing to the lack of public sewers, disposal is by means of individual septic tanks and these are proving to be most practicable in this scattered rural area.

### **Refuse Collection.**

A monthly collection of refuse from practically the whole area is now in operation. Suitable tips have been provided, capable of dealing with refuse for years to come. A form of controlled tipping is adhered to, and this is proving quite a success. The collection is now operated chiefly by the Council employees,

### **Swimming Baths and Pools.**

There are no public swimming baths in the area and no private baths open to the public.

There are two schools in the District, Hunsonby and Culgaith, with open air swimming baths. These are filled from the Rural District Council water mains and are changed at frequent intervals to ensure satisfactory conditions.

### **Eradication of Bed Bugs.**

No action of any kind in respect of bed bugs was necessary during the year.

### **Schools.**

Inspections of schools in the area are carried out at frequent intervals and, as a result of these, improvements are from time to time reported.

School Canteens are to be specially built at numerous schools in the area, and better sanitary conditions are being encouraged at some of the more remote schools.

23 of the 30 schools in the district are now supplied with free milk, of which 19 are of T.T. standard. The chief supplier of T.T. milk has recently ceased to supply three schools owing to their distance from town. This supplier has also failed to supply milk to many schools at a reasonable time, causing considerable inconvenience. In view of this it would be recommended that as more milk producers become qualified to produce T.T. milk they should be asked to supply their local school.

## **INSPECTION AND SUPERVISION OF FOOD.**

The area is a very large one and of a scattered nature, calling for a lot of travelling when inspecting the various farms and shops. The Sanitary Assistant works in co-operation with the County Council in the collection of milk samples for analysis and this arrangement is working satisfactorily the samples arriving at the laboratory only a matter of four or five hours after the time of morning milking.

During the year the following items of food were condemned as unfit for human or animal consumption :—

Corned Beef, 60 lbs.

Bacon, 10 lbs.

Cheese, 11 lbs.

Butter, 20 lbs. (10 lbs. fit for manufacturing purposes).

Tinned Beans, 1 lb,



Tinned Beans and Pork, 1 lb. 14 ozs.  
 Tinned Meat and Vegetables, 1 lb.  
 Evaporated Milk, 12 tins.  
 Salmon, 2 tins.  
 Pilchards, 2 tins.  
 Peas, 1 tin.  
 Fruit Salad, 2 tins.

A Bovine pluck purchased in Penrith by a person resident in the rural area was condemned as unfit for human consumption. The meat Inspector of the Public Abattoir was called to inspect the seized pluck and he regretted that such a pluck had been allowed to reach the public. He gave his assurance that tighter measures would be enforced to prevent recurrence of the incident.

There are a large number of persons in this District registered as Milk Producers. The Register is made up as follows :—

Tuberculin Tested	...	...	...	...	58
Accredited	...	...	...	...	15
Wholesale only	...	...	...	...	650
Wholesale and Retail	...	...	...	...	71
Retail only	...	...	...	...	40

During the period under review 384 samples of milk were taken for analysis, and the results were :—

From Schools :—

Samples taken	...	...	...	...	100
Satisfactory	...	...	...	...	76
Unsatisfactory	...	...	...	...	24

From T.T. Producers :—

Samples taken	...	...	...	...	164
Satisfactory	...	...	...	...	121
Unsatisfactory	...	...	...	...	43

From Accredited Producers :—

Samples taken	...	...	...	...	51
Satisfactory	...	...	...	...	38
Unsatisfactory	...	...	...	...	13

From Ungraded Producers :—

Samples taken	...	...	...	...	20
Satisfactory	...	...	...	...	13
Unsatisfactory	...	...	...	...	7

From Ungraded Producers  
 (T.T. Qualifying) :—

Samples taken	...	...	...	...	49
Satisfactory	...	...	...	...	36
Unsatisfactory	...	...	...	...	13

No samples were found to be positive for tubercle bacilli,

## SANITARY INSPECTION OF THE AREA.

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### Summary of Inspections Made.

Workshops	...	...	...	...	24
Dairies and Cowsheds	...	...	...	...	620
Slaughterhouses	...	...	...	...	Nil
Petrol Stores	...	...	...	...	50
Carbide Stores	...	...	...	...	6
Works in Progress—New Drains, &c.	...	...	...	...	210
New Buildings	...	...	...	...	250
General Inspections	...	...	...	...	425
Inspections <i>re</i> Complaints received	...	...	...	...	88
Inspections under Housing Acts	...	...	...	...	320
Inspection of Schools	...	...	...	...	33

### Works Carried Out.

Premises cleansed	...	...	...	...	4
Roofs repaired	...	...	...	...	20
New Spouting fixed	...	...	...	...	10
Air Drains fixed	...	...	...	...	1
Floors relaid and repaired	...	...	...	...	16
Walls repaired or cemented	...	...	...	...	32
Scullery Sinks trapped	...	...	...	...	24
Water Closets constructed	...	...	...	...	24
Water Closets repaired	...	...	...	...	36
Privies and E.C.'s constructed or repaired	...	...	...	...	12
Drains constructed or repaired	...	...	...	...	40
Sewers and Drains repaired and cleansed...	...	...	...	...	72
New Septic Tanks built	...	...	...	...	22
Water Supplies carried to Houses	...	...	...	...	20
New Baths fixed	...	...	...	...	16
Cowsheds improved	...	...	...	...	50
New Cowsheds built	...	...	...	...	14
New Cooling-houses erected	...	...	...	...	19
New Houses completed	...	...	...	...	8
Houses altered or repaired	...	...	...	...	20
New Windows fixed	...	...	...	...	16
New Ceilings put up or repaired	...	...	...	...	40
New Shop Sinks fitted to Houses	...	...	...	...	20



# PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

A Summary of the Notifiable Diseases (excepting Tuberculosis) is as follows :—

## 1946—NOTIFIABLE DISEASES (except Tuberculosis).

Diseases.	AGES.											TOTAL.	Admitted to Isolati'n Hosp.	Deaths.
	-1	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65-		
Smallpox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. ..	..	..	..	..	1	1	3	..	..	..	..	..	5	..
Diphtheria .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric and Paratyphoid B. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bacillary Dysentery Sonne ..	..	..	..	..	..	..	..	..	3	..	3	2	8	..
Ophthalmia Neonatorum ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute Poliomyelitis .. ..	..	..	..	..	1	..	..	..	..	..	..	..	1	..
Puerperal Pyrexia .. ..	..	..	..	..	..	..	..	..	1	..	..	..	1	..
Primary or Influenzal Pneumonia ..	1	..	..	..	1	..	..	..	..	1	..	..	3	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..	2	..	2	..
Cerebro-spinal Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	2	..	..	2	..	..	..	..	..	..	4	..
Whooping Cough .. ..	6	6	3	4	4	19	5	1	..	..	2	..	50	1
										Totals			74	1

**Smallpox.**

During the year 5 contacts were examined by me in this Area, and each case was found to be quite free from any symptoms of this disease, and to have evidence of recent successful vaccination or re-vaccination.

These contacts were all from ships recently returned from the Middle or Far East.

**Scarlet Fever.**

Only 5 cases were notified in 1946 compared with 15 cases in 1945, and 26 in 1944.

Three of these cases were in the Kirkoswald district during July and August.

**Diphtheria.**

There were no cases notified during the year 1946 as in 1945, and in this connection the following table shows the number notified and deaths from this cause which have occurred during the past 18 years :—

Cases.						Deaths.
1929	...	...	11	...	...	2
1930	...	...	2	...	...	Nil
1931	...	...	8	...	...	Nil
1932	...	...	2	...	...	1
1933	...	...	Nil	...	...	Nil
1934	...	...	7	...	...	2
1935	...	...	5	...	...	Nil
1936	...	...	8	...	...	Nil
1937	...	...	Nil	...	...	Nil
1938	...	...	3	...	...	Nil
1939	...	...	2	...	...	Nil
1940	...	...	1	...	...	Nil
1941	...	...	1	...	...	Nil
1942	...	...	3	...	...	1
1943	...	...	2	...	...	Nil
1944	...	...	4	...	...	Nil
1945	...	...	Nil	...	...	Nil
1946	...	...	Nil	...	...	Nil

## ARTIFICIAL IMMUNISATION AGAINST DIPHTHERIA.

The National Campaign against this disease was continued on similar lines to those adopted in 1945. The number of children immunised during the year 1946 was as follows:—

School.	No. of Children Immunised.					
	School Age.			Pre-School Age.		
Ainstable ...	...	...	4	...	...	1
Armathwaite ...	...	...	7	...	...	6
Calthwaite ...	...	...	3	...	...	10
Culgaith ...	...	...	6	...	...	5
Dacre ...	...	...	—	...	...	4
Croglin ...	...	...	—	...	...	1
Great Salkeld ...	...	...	4	...	...	3
Greystoke ...	...	...	1	...	...	7
Hunsonby ...	...	...	—	...	...	3
High Hesket ...	...	...	1	...	...	15
Hutton Marr ...	...	...	4	...	...	—
Hutton Roof ...	...	...	8	...	...	11
Kirkoswald ...	...	...	—	...	...	11
Langwathby ...	...	...	11	...	...	14
Maughanby ...	...	...	—	...	...	2
Matterdale ...	...	...	6	...	...	1
Ousby ...	...	...	—	...	...	3
Plumpton ...	...	...	1	...	...	10
Penruddock ...	...	...	—	...	...	1
Newbiggin ...	...	...	1	...	...	5
Mungrisdale ...	...	...	—	...	...	2
Renwick ...	...	...	2	...	...	2
Skelton ...	...	...	—	...	...	17
Skirwith ...	...	...	4	...	...	10
Sowerby Row ...	...	...	3	...	...	2
Stainton ...	...	...	—	...	...	4
Watermillock ...	...	...	1	...	...	5
Penrith Clinic ...	...	...	1	...	...	10
			—			
			68			165
			—			—

The above table does not include children immunised by private doctors.

At 31st December, 1946, it was estimated that approximately 60% of children under 5 years of age, and 96% of schoolchildren had been immunised,

### **Sonne Dysentry.**

Eight cases were notified in 1946 compared with three cases in 1945.

Four cases occurred during August at one mansion owing to a carrier in the household.

Once more attention is drawn to the importance of hygienic methods in the preparation and handling of foodstuffs. Everyone should wash their hands thoroughly before preparing, serving or distributing any article for human consumption, and this is particularly important for milk and foodstuffs prepared with milk—ice cream, etc., etc.

### **Acute Anterior Poliomyelitis.**

This was apparently an isolated case, a boy aged 4 years, in the Skelton district, who was admitted to the Penrith Isolation Hospital on 22nd July, and was later transferred to the Ethel Hedley Orthopaedic Hospital, Windermere, for necessary treatment.

### **Measles.**

Only 4 cases were notified, 2 were in the same household, in the months of June and July.

### **Whooping Cough.**

An epidemic of this disease broke out about the end of June and continued in various parts of the area until November. There was unfortunately 1 death from this cause.

### **Acute Primary Pneumonia.**

Three cases occurred compared with six in 1945 and, although there were no deaths among these cases, three deaths were recorded from Pneumonia as a Secondary disease (*vide* deaths as given by the Registrar General).

## TUBERCULOSIS CASES, 1946.

AGES.	New Cases.				Deaths.			
	Respiratory		Non-Respir.		Respiratory		Non-Respir.	
	M	F	M	F	M	F	M	F
To One year ...	—	—	—	—	—	—	—	—
1 to 5 years ...	—	—	—	1	—	—	—	—
5 to 15 „ ...	—	—	1	—	—	—	—	—
15 to 25 „ ...	—	2	—	—	—	—	—	—
25 to 35 „ ...	—	—	1	—	1	1	—	—
35 to 45 „ ...	—	1	—	2	—	—	—	—
45 to 55 „ ...	—	—	—	—	—	—	—	—
55 to 65 „ ...	—	—	—	—	—	—	—	—
65 and upwards ...	—	—	—	—	—	—	—	—
TOTALS ...	—	3	2	3	1	1	—	—

No action has been necessary in respect of Tuberculosis amongst persons employed in the milk trade or under Section 172 of the Public Health Act, 1936, relating to the compulsory removal to hospital of persons suffering from Tuberculosis.

The total number of cases on the register at 31st December, 1946, is 42, an increase of 2 as compared with the number at the end of 1945.

8 new cases were added to the register in 1946, and it is noteworthy that 5 of these were Non-Pulmonary cases.

There were 2 deaths from Pulmonary Tuberculosis and one of these occurred in a patient at Blencathra Sanatorium whose home was situated at Motherwell in Scotland, and could not be transferred.

Number of cases on the register at the end of the year is 42.

Pulmonary.	Males.		Pulmonary.	Females.	
	Non-pulmonary.			Non-pulmonary.	
10	...	8	18	...	6



### CANCER MORTALITY.

The deaths from this disease numbered 14 compared with 11 in 1945—4 males and 10 females.

Alimentary System :—	Males.	Females.
Pharynx :—	86 yrs.	—
Palate :—	83 yrs.	—
Parotid Gland :—	74 yrs.	—
Oesophagus :—	—	52 yrs.
Stomach :—	—	43 yrs.
Pancreas :—	—	78 yrs.
Colon :—	75 yrs.	70 yrs.
		64 yrs.
Reproductive System :—		
Uterus :—	—	59 yrs.
		42 yrs.
Breast :—	—	68 yrs.
Skin :—		
Lip :—	—	79 yrs.
Cerebral Tumour :—	—	57 yrs.

TOTAL :—14.

The average age at death was  $66\frac{1}{2}$  years.

## CAUSES OF DEATH AS GIVEN BY THE REGISTRAR-GENERAL.

	Males.	Females.	Total.
Whooping Cough ... ..	—	1	1
Respiratory Tuberculosis ... ..	2	2	4
Other Forms of Tuberculosis ... ..	1	—	1
Influenza ... ..	1	—	1
Cancer of Buccal Cavity and Oesophagus (M) and Uterus (F) ... ..	2	2	4
Cancer of Stomach and Duodenum ... ..	—	1	1
Cancer of all other Sites ... ..	3	6	9
Intracranial Vascular Lesions ... ..	10	13	23
Heart Disease ... ..	23	25	48
Other Diseases of the Circulatory System	3	1	4
Bronchitis ... ..	2	3	5
Pneumonia... ..	2	1	3
Other Respiratory Diseases ... ..	1	—	1
Appendicitis ... ..	—	1	1
Other Digestive Diseases ... ..	1	3	4
Nephritis ... ..	3	—	3
Premature Births ... ..	3	1	4
Congenital Malformation, Birth Injury, Infantile Diseases ... ..	3	1	4
Road Traffic Accidents ... ..	1	—	1
Other Violent Causes ... ..	2	2	4
All Other Causes ... ..	8	4	12
	<hr/> 71	<hr/> 67	<hr/> 138
	<hr/>	<hr/>	<hr/>









